



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALLI SUB DIVISOIN

**Name of the Work : Improvements to Roads, Drains and Asphlting
to Roads in Venkategowda layout Kempapura
3rd Main in ward no. 7, Byatarayanapurain
Kodigehalli sub division**

Estimate Cost : 19.90 Lakhs

P-Code : 1771 of 2012-13

Estimate No : AEE/KSD/E.NO/ 179/2012-13

ತಾಂತ್ರಿಕ ವರದಿ

**ವಿಷಯ:- Improvements to Roads, Drains and Asphalting to Roads
in Venkategowda layout Kempapura 3rd Main in ward
no. 7, Byatarayanapurain Kodigehalli sub division**

Est.Cost.: 19.90 Lakhs

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ಈ ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿಯು 2012-13ನೇ ಸಾಲಿನ ಪಿ.ಒ.ಡಬ್ಲ್ಯೂ. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ವಾರ್ಡ್ ನಂ. 7ಕ್ಕೆ ನೀಡಿರುವ ರೂ. 3.00 ಕೋಟಿ ಅನುದಾನದ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ರೂ. 19.90 ಲಕ್ಷಕ್ಕೆ ಸೇರ್ಪಡೆಯಾಗಿ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಕಾಮಗಾರಿ ಸ್ಥಾಯಿಸಮಿತಿಯಿಂದ ಅನುಮೋದನೆಗೊಂಡಿರುತ್ತದೆ.

ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಸದರಿ ಈ ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿ ಸ್ಥಳವನ್ನು ಸಾವುಗಳು ಖುದ್ದಾಗಿ ನಗರಪಾಲಿಕೆ ಸದಸ್ಯರೊಂದಿಗೆ ಪರಿಶೀಲಿಸಿದ್ದು, ಸದರಿಯವರು ತಿಳಿಸಿರುವ ಹಾಗೂ ಅತಿ ಅವಶ್ಯಕ ಹಾಗೂ ತುರ್ತು ಎಂದು ಕಂಡು ಬಂದಿರುವ ಅಂಶಗಳನ್ನು ಸದರಿ ಅಂದಾಜಿನಲ್ಲಿ ಅನುವು ಮಾಡಲಾಗಿದೆ.

1. Removing BS Slab of drain and stacking.
2. Refixing stone slabs of drains and pointing in CM 1:3.
3. Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6)
4. Earth work excavation by manual means in Ordinary Soil
5. Compaction of original ground
6. Providing, laying, spreading and compacting graded stones aggregate to wet mix
7. Providing and applying primer coat with bitumen emulsion
8. Providing and laying semi dense bituminous concrete 25 mm

ಈ ಮೇಲ್ಕಂಡ ಎಲ್ಲಾ ಅಂಶಗಳ ಅವಶ್ಯಕತೆಗೆ ಅನುಗುಣವಾಗಿ ಅಂದಾಜಿನಲ್ಲಿ ಅಳವಡಿಸಿಕೊಂಡು 2012-13ನೇ ಸಾಲಿನ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಲೋಕೋಪಯೋಗಿ ಇಲಾಖಾ ದರಪಟ್ಟಿ ಬೆಂಗಳೂರು ವೃತ್ತದ ಎಸ್.ಆರ್. ದರದಲ್ಲಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ. 19.90 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.



ಕಿರಿಯ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 7

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Improvements to Roads, Drains and Asphlting to Roads in Venkategowda layout
Kempapura 3rd Main in ward no. 7, Byatarayanapurain Kodigehalli sub division

ESTIMATED COST

1990000.00

SI No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
1	Removing BS Slab of drain and stacking. (P.No.28, I.No.5.32 of PW,P&IWD S.R 2012-13						Sqm		
	2th Cross		1	78	1.65		128.70		
	9th Cross Papalayout		1	160	1.65		264.00		
	9th A Cross Papalayout		1	160	1.65		264.00		
	9th BCross Papalayout		1	204	1.65		336.60		
							993.30	44.47	44176.00
	Basic Rate Rs.	41.18							
	Add 8% A.W Rs.	3.29							
	Total Rate Rs.	44.47							
2	Refixing stone slabs of drains and pointing in CM 1:3. (P.No.28, I.No. 5.33 of PW,P&IWD S.R 2012-13						Sqm		
							Qty Same as I.No.1 (80%)	794.64	63.00
	Basic Rate Rs.	58.33							50059.00
	Add 8% A.W Rs.	4.67							57062
	Total Rate Rs.	63.00							
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (7.50cms thick) (P.No.28, I.No.5.31.1 of PW,P&IWD SR 2012-13						Sqm		
							Qty Same as I.No.1 (20%)	198.66	315.36
	Basic Rate Rs.	292.00							62649.00
	Add 8% A.W Rs.	23.36							
	Total Rate Rs.	315.36							
4	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3.						Cum		
	(P.No.145, I.No.19.1 of PW,P&IWD S.R 2012-13								
	2th Cross		1	78	8.00	0.15	93.60		
	9th Cross Papalayout		1	160	8.00	0.15	192.00		
	9th A Cross Papalayout		1	160	6.00	0.15	144.00		
	9th BCross Papalayout		1	204	6.00	0.15	183.60		
	Basic Rate Rs.	54.00					613.20	58.32	35762.00
	Add 8% A.W Rs.	4.32							
	Total Rate Rs.	58.32							
5	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. 167, I.No. 19.64) SR 2012-13						Sqm		
	2th Cross		1	78	8.00		624.00		
	9th Cross Papalayout		1	160	8.00		1280.00		
	9th A Cross Papalayout		1	160	6.00		960.00		
	9th BCross Papalayout		1	204	6.00		1224.00		

							4088.00	3.78	15453.00
	Basic Rate	3.50							
	Area Weightage @ 8%	0.28							
	Total	3.78							
6	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 167, Item No. 20.18) SR 12-13						Cum		
	2th Cross		1	78	8.00	0.15	93.60		
	9th Cross Papalayout		1	160	8.00	0.15	192.00		
	9th A Cross Papalayout		1	160	6.00	0.15	144.00		
	9th BCross Papalayout		1	204	6.00	0.15	183.60		
							613.20	1059.48	649673.00
	Basic Rate Rs.	981.00							
	Add 8% A.W Rs.	78.48							
	Total Rate Rs.	1059.48							
7	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 172, Item No. 21.6) SR 12-13						Sqm		
	2th Cross		1	78	8.00		624.00		
	9th Cross Papalayout		1	160	8.00		1280.00		
	9th A Cross Papalayout		1	160	6.00		960.00		
	9th BCross Papalayout		1	204	6.00		1224.00		
	Basic Rate Rs.	36.70					4088.00	39.64	162032.00
	Add 8% A.W Rs.	2.94							162048.00
	Total Rate Rs.	39.64							
8	KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 174, Item No. 21.20.5) SR 12-13						Cum		
	2th Cross		1	78	8.00	0.025	15.60		
	9th Cross Papalayout		1	160	8.00	0.025	32.00		
	9th A Cross Papalayout		1	160	6.00	0.025	24.00		
	9th BCross Papalayout		1	204	6.00	0.025	30.60		
							102.20	8992.08	918991.00
	Basic Rate Rs.	8326.00							
	Add 8% A.W Rs.	666.08							918991.00
	Total Rate Rs.	8992.08							

AYAPPA TEMPLE ROAD		1a main (WBM)	9th cross pampa lyot (WBM)
		300x6.5	160x6
		1B main (WBM)	9th cross pampa lyot (WBM)
		300x6.5	300X6 WBM
			venkategowda lyot road
		300x6.5	2nd main (WBM)
		300x6.5	55x6
			3rd main (WBM)

(Signature)

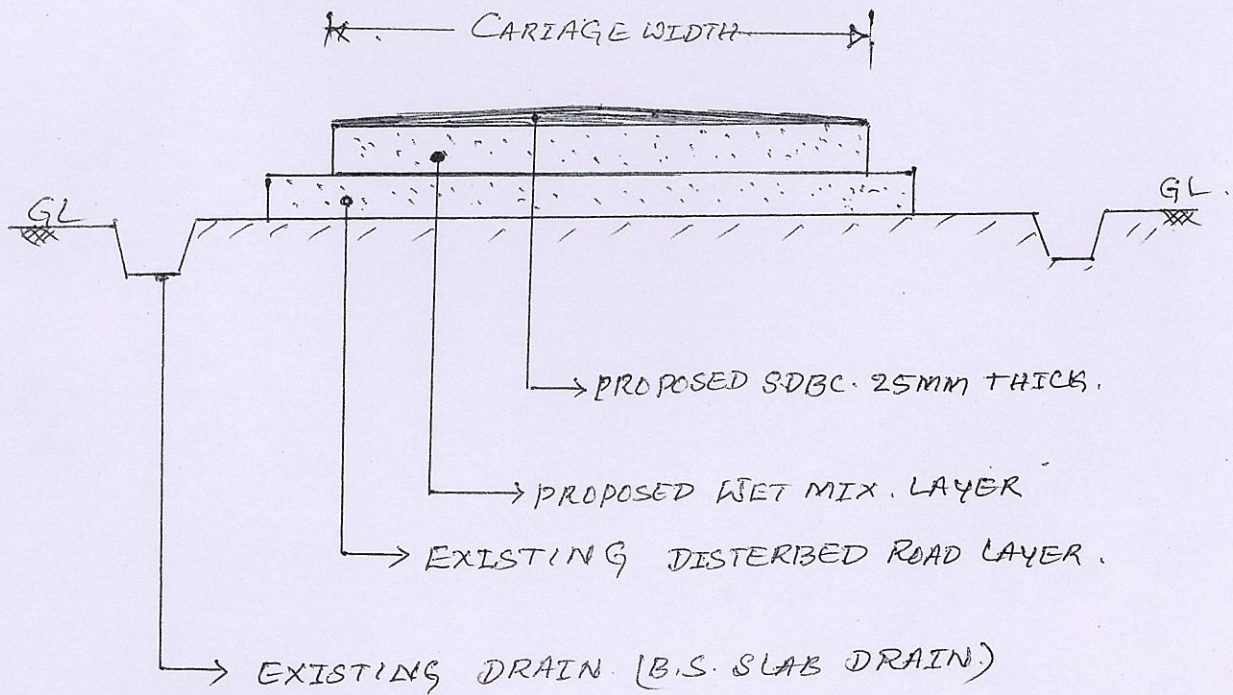
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 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
 ಕೊಡಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
 ಯಲಹಂಕ ಪಟ್ಟಣ, ಬಿ.ಪಿ.ಎಂ.ಪಿ
 ಬೆಂಗಳೂರು - 560092

DHASARAHALLI MAIN ROAD

VENKATEGOWDA LAYOUT (KEMPAPURA)

NAME OF WORKS: IMPROVEMENTS TO ROADS AND
DRAIN And. Asphalting to Roads in
Venkateswoda layout Kempapura 3rd
main in Ward no 7, Byatarayanapura

ROAD CROSS SECTIONAL DETAILS



By

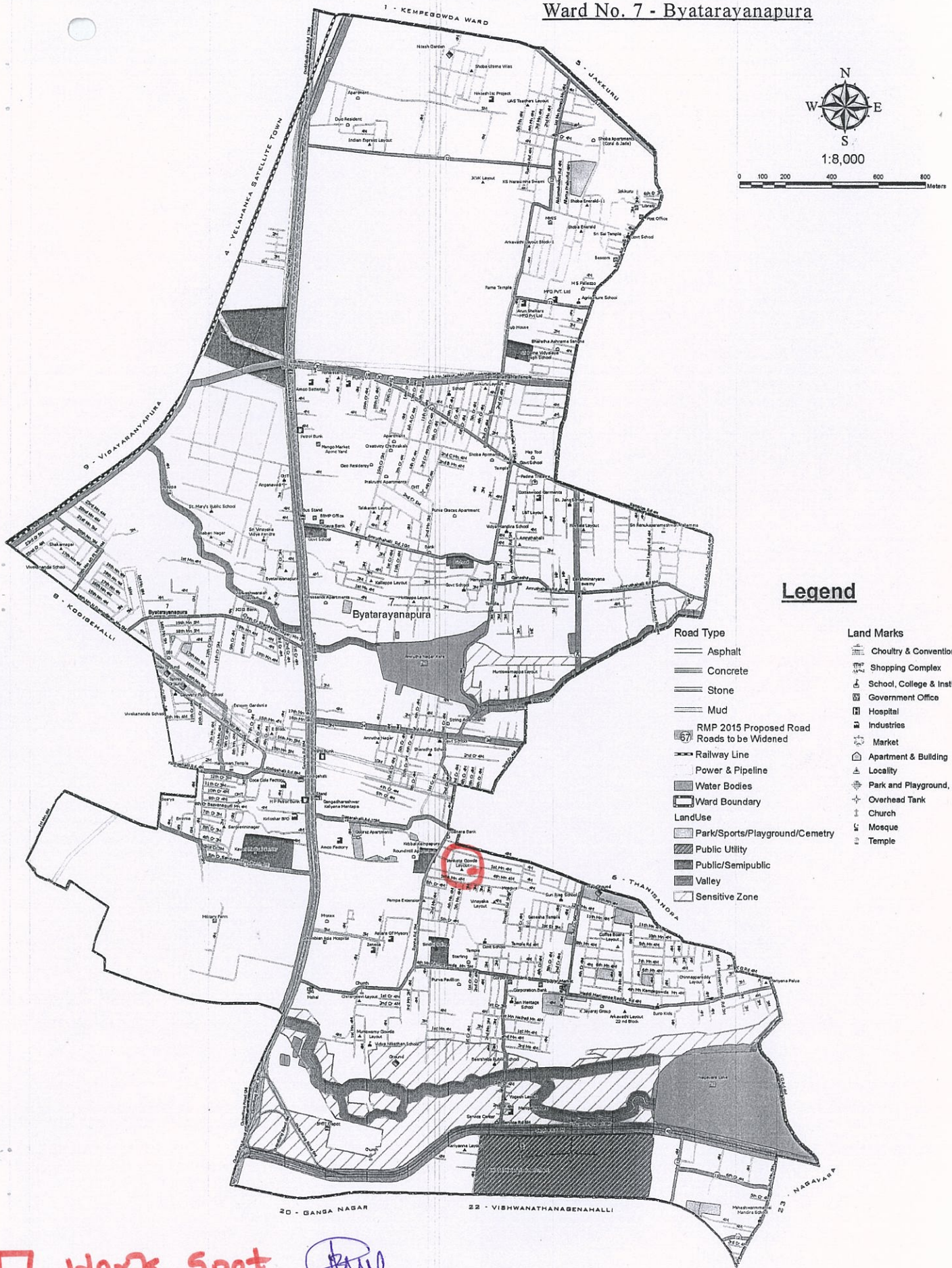
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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂ.ಜಿ.ಎಂ.ಡಿ
ಕೊಡಿಗೆಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
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BRUHATH BANGALORE MAHANAGAR PALIKE

Yelahanka Zone - Byatarayanapura Sub-division

Ward No. 7 - Byatarayanapura



Work Spot

Maped by:

SKYGROUP & CURIPe

GIS Consultants & Services
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AREA: 9.60 SQ KMS

ಸಂಪನ್ಮೂಲ ಕಾರ್ಯದರ್ಶಿ

ಕೊಡಿಗೆಹಳ್ಳಿ ಉಪವಿಭಾಗ

ಯಲಹಂಕೆ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಸಿ

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